Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 12 Dec 2021 until 23:59 on Monday 13 Dec 2021

Forecast Issued on Sunday 12 Dec 2021 at 00:14

Confidence: Generally high confidence in the forecast story for the next few days but there is some uncertainty in timings and location of rain bands over the UK next week.

Headline for Sunday 12 Dec 2021: Outbreaks of rain and poor visibility in morning, drier in afternoon. Windy later.

Mountain weather hazards on Sunday 12 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Cloudy	Cloudy	Cloudy	Dull	Dull
Precipitation probability					
70%	70%	40%	10%	10%	20%

Forecast for Sunday 12 Dec 2021

Weather: Cloudy with outbreaks of mostly light rain or drizzle overnight and during the morning. Rain dying out in the afternoon with bright intervals possible. Mainly dry in the evening but outbreaks of rain possible by midnight.

Chance of cloud free mountain/hill tops above 600m: Less than 10% in morning, becoming 60% in afternoon.

Visibility: Very poor at height in the morning with areas of low cloud and fog above 300m. Cloud lifting and becoming patchy in the afternoon but still affecting many summits. Below the cloud, hazy, occasionally a few km in rain or drizzle in the morning.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Sunday 12 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/18 SW	15/21 SW	24/31 SW	23/32 SW	25/35 SW	25/36 SW	31/41 SW
300	9/13 SW	10/17 S	18/26 SW	16/25 SW	17/26 S	17/28 S	22/32 S
Valley	4/12 SW	4/15 S	11/24 SW	10/24 SW	11/26 S	13/29 S	14/31 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/3	8/4	9/4	8/4	8/3	7/2	6/1
300	9/7	10/7	11/8	11/8	10/7	9/6	9/5
Valley	9/8	9/8	11/9	11/9	10/8	10/7	9/6
Freezing Level*	2300m	2200m	2000m	1800m	1700m	1700m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A damp morning with poor visibility over most hills but drier in the afternoon. Note the winds strengthening through the evening; close to gales on the tops later.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 12 Dec 2021	5.8mm	9.2mm	19.2mm

Forecast for Monday 13 Dec 2021

Weather: Outbreaks of mostly light rain overnight and through the morning, perhaps some drier spells in the north and east. Rain expected to become persistent and heavier through the late afternoon and evening.

Maximum wind: Southwest 30mph gusts 45mph in early hours, decreasing to 10-15mph in the morning.

Chance of cloud free mountain/hill tops above 600m: 30%, best chance in north and east.

Visibility: Very poor with low cloud and fog above 300m, but perhaps clearing at times in the north and east. Rather hazy below the cloud base.

Temperature: **Valleys:** Plus 6 or 7C.
At 600m: Plus 5C.
Freezing level: Above summits.

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